1907MNRAS..67..495E

star was then faint. It would seem, therefore, that we are justified in concluding that during the latter half of 1906 the variable remained persistently faint, and nearly at its minimum brightness, during the greater part of the time, and only underwent occasional and comparatively feeble augmentations of brightness, or abortive maxima. The *U Geminorum* type of variation of the star is confirmed by the recent observations, though there seem to be minor differences between all the stars of this class. The range of variation of *RX Andromedæ* is less than that of *U Geminorum*, but the former appears to be more irregular even in its light changes than the latter.

New Double Stars. By the Rev. T. E. Espin, M.A.

The following pairs have been found with the 17¼ in. Reflector during the spring. The weather has been persistently unfavourable since the end of March, and few measures have been obtained.

No.	B.D.	R.A.	1900	Decl.		P.	D.	Mags.		Nights.	Date.	
	°	h	m	°	′	°	″				1900.	
404	+56,114	0	37·2	+57	5	68·1	2·90	9·3	12·5	1	7·063	
405	+57,171		49·8	57	15	114·8	4·17	9·0	9·0	2	7·043	
406	+56,153		50·9	56	52	149·1	3·67	9·2	9·5	2	7·073	
407						90·1	3·55	9·4	11·0	2	7·073	
408	+57,251	1	13·3	57	45	160·1	2·70	9·3	11·2	2	7·073	
	408 407					345·2	89·98			3	7·094	
409	+55,506	2	0·6	55	39	108·7	1·95	9·5	11·0	2	7·106	
410	+34,769	3	50·2	34	10	102·8	2·88	9·4	9·8	3	7·073	
411	+33,752		52·1	33	40	46·2	4·47	9·2	9·3	2	7·073	
412	+32,876	4	57·4	32	14	267·6	4·77	8·5	12·0	3	7·108	
413	+32,880		58·6	32	13	5·4	5·93	9·0	13·5	3	7·108	
414	+33,975	5	6·3	33	25	183·8	2·38	9·0	9·1	3	7·129	
415	+32,1109		44·8	32	6	16·1	15·00	6·9	12·5	2	7·089	
416	+31,1219	6	4·1	31	33	197·7	7·65	8·9	11·5	2	7·166	
417	+33,1265		4·2	33	1	330·0	13·55	8·0	12·5	2	7·206	AB
						237·0	14·50		14·5	2	7·206	AC
						275·5	37·55		11·0	2	7·206	AD
418	+35,1600	7	16·8	35	12	15·7	13·20	8·1	13·3	3	7·166	
419	+34,1641		28·2	33	56	125 6	3·58	10·0	10·7	3	7·073	BC
						44·0	58·30	A =	9·4	2	7·065	AB
420	+29,1597		39·5	28	59	273·4	2·65	12·5	13·0	1	7·246	BC
						118·1	60·79	A =	8·7	1	7·246	AB
421	+29,1632		46·1	28	57	217·8	6·20	9·0	12·0	2	7·243	

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1907MNRAS..67..495E

No.	B.D.	R.A. 1900		Decl.		P.	D.	Mags.		Nights.	Date.	
		h	m	°	′	°	″				1900.	
422	+29,1645		49·2	+29	25	181·3	14·86	8·1	10·5	1	7·246	
423	+34,1741		59·4	34	53	298·9	3·21	8·5	10·4	3	7·073	
424	+35,1756	8	0·6	35	15	73·7	5·77	9·1	10·5	3	7·073	
425	+25,1854		2·3	25	50	257·2	4·52	8·1	12·5	3	7·223	
426	+28,1597		18·8	28	47	284·0	4·85	9·0	9·2	1	7·246	
427	+29,1821		39·9	29	22	72·4	2·50	9·0	10·2	2	7·183	
428	+28,1774	9	30·7	28	47	20·0	12·55	8·6	9·1	3	7·223	
429	+31,2017		32·6	31	18	10·8	3·82	9·5	9·5	2	7·239	
430	+29,1992	10	0·0	29	47	170·8	1·45	9·4	9·7	4	7 230	
431	+27,1852		2·5	27	17	198·7	3·95	10·5	10·6	2	7·282	BC
						347·3	41·87	A =	8·0	1	7·246	AC
						351·6	44·20			1	7·317	AB
432	+33,1988		20·1	33	8	160·4	2·52	9·3	9·6	2	7·232	
433	+30,2087		51·7	30	16	220·0	5·75	9·3	10·5	2	7·282	
434	+35,2233	11	13·4	35	32	247·8	7·76	9·3	14·5	2	7·216	
435	+29,2207		39·6	28	59	347·2	6·80	9·2	9·4	2	7·227	
436	+30,2277	12	23·5	30	26	316·5	1·85	9·2	9·2	2	7·269	
437	+30,2281		24·5	30	4	222·0	2·50	8·8	9·4	2	7·242	BC
						2·0	69·63	A =	8·5	1	7·246	AB
438	+26,2382		38·0	26	27	281·0	5·00	8·2	13·0	2	7·232	
439	+28,2155		46·6	27	46	63·8	1·83	8·9	9·4	3	7·237	
440	+29,2387	13	12·7	29	12	361·5	2·55	9·5	9·5	1	7·301	
441	+28,2211		13·0	28	39	77·5	4·80	8·6	13·2	2	7·238	
442	+28,2251		37·9	28	43	243·2	7·45	8·4	13·0	2	7·234	

Notes.

405.—This pair was found in 1892. The only other measures are mine:

1892·805, P. 116°·6 D. 4″·86 2 nights.

407, 408.—Two pairs a little N of *φ* Cassiopeiæ.

409.—Measures discordant.

417.—The *comes* C is very difficult and the measures are discordant.

Erratum in Pogson's Observations of U Geminorum.

Vol. lxvii. page 129, footnote:—The inverted commas should come at the end of the footnote, and not before the last sentence. The whole note is Pogson's. But Mr C. L. Brook points out that his suspicions are probably unnecessary. "Knott makes U bright on January 4 and 6, but fading: on January 17 he makes it < 13·3. Baxendell also makes it bright on January 4–6 and < 13 on January 20. Pogson's observation falls in with these, and the rapid descent in 5 days from 10·2 to < 12·8 is not unusual: see April 12 to 17, 10·3 to 13·8."—(Letter of April 16 to H. H. T.)

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